

Newell, SD

Latitude	44 43 N
Longitude	103 26 W
Elevation	2860
Station Record Begins	9/1/1920

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	33.3	9.8	21.5	0.30	
February	36.8	13.1	25.0	0.45	
March	45.7	21.5	33.6	1.03	
April	57.8	31.6	44.7	1.71	
May	67.3	42.7	55.0	3.09	
June	77.3	52.4	64.8	2.77	
July	86.5	58.7	72.6	1.92	
August	86.0	56.7	71.4	1.16	
September	74.8	45.4	60.1	1.06	
October	60.9	32.8	46.8	1.35	
November	44.9	20.4	32.7	0.64	
December	34.0	10.2	22.1	0.38	
Annual	58.9	33.1	46.0	15.86	

January

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	33.8	2006	0.5	1950
2	31.4	1992	3.2	1949
3	30.6	1990	4.0	1979
4	29.3	1981	7.0	1982
5	28.2	1983	7.1	1978
6	27.5	1987	7.6	1957
7	27.5	1958	7.7	1969
8	27.3	1953	9.5	1993
9	27.0	2012	10.0	1963
10	26.6	2001	10.2	1966

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.55	1949	0.80	01/01/1976
2	1.16	1996	0.50	01/25/1967
3	1.09	2011	0.46	01/04/1996
4	1.06	1994	0.40	01/21/1986
5	0.99	1975	0.36	01/05/2010
6	0.90	1976	0.36	01/04/1997
7	0.78	1971	0.36	01/05/1949
8	0.62	1953	0.32	01/19/1975
9	0.60	1967	0.32	01/15/1953
10	0.57	1993	0.28	01/31/1971

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	31.0	1996	9.0	01/04/1996
2	20.2	1949	9.0	01/01/1976
3	16.3	1994	8.0	01/27/1975
4	15.5	2011	6.0	01/18/1996
5	14.1	1975	5.8	01/05/2010
6	11.6	1963	5.5	01/28/2002
7	10.5	1982	5.3	01/04/1949
8	10.0	1979	5.0	01/25/1996
9	9.0	1976	5.0	01/25/1967
10	8.6	1993	5.0	01/28/1965

March

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	45.7	2012	18.5	1965
2	43.0	2007	20.4	2002
3	41.2	1992	21.5	1951
4	41.0	1986	22.0	1952
5	39.2	1981	22.5	1950
6	38.6	2000	23.1	1969
7	38.4	1968	23.4	1996
8	37.9	2004	23.4	1954
9	37.9	1963	23.5	1960
10	37.4	1999	25.1	1998

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	3.31	1982	1.40	03/20/1977
2	2.82	2009	1.35	03/25/2009
3	2.42	1954	1.35	03/31/1982
4	2.10	1977	1.10	03/14/1973
5	1.93	1950	1.06	03/01/2004
6	1.77	1998	1.01	03/19/1954
7	1.70	2003	0.90	03/18/2003
8	1.69	1983	0.89	03/21/1987
9	1.63	2007	0.85	03/08/2000
10	1.59	1973	0.85	03/06/1983

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	25.7	1954	13.0	03/25/2009
2	24.5	2009	12.0	03/29/1977
3	23.1	1950	12.0	03/14/1973
4	23.0	1977	10.0	03/28/2011
5	22.5	1998	9.0	03/21/1987
6	20.0	1982	9.0	03/19/1954
7	16.5	2011	8.5	03/12/1954
8	15.5	1996	8.0	03/01/2004
9	14.5	2006	8.0	03/11/1988
10	14.1	1988	8.0	03/20/1982

February

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	37.8	1954	9.7	1979
2	36.1	1999	10.5	1949
3	34.9	1998	11.2	1978
4	34.1	1992	11.3	1993
5	34.1	1983	12.5	1975
6	33.4	1984	12.5	1959
7	32.7	1977	12.7	1994
8	32.6	1991	12.9	2010
9	32.6	1976	13.4	1989
10	31.6	1995	13.4	1966

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.67	2001	0.20	02/28/2001
2	1.56	1987	0.76	02/29/2004
3	1.06	1998	0.75	02/15/1987
4	0.92	1953	0.70	02/18/1991
5	0.88	1978	0.50	02/10/1976
6	0.88	1963	0.49	02/02/2003
7	0.82	1991	0.49	02/27/1987
8	0.81	1976	0.47	02/23/1977
9	0.80	2004	0.44	02/26/1958
10	0.79	1979	0.40	02/05/2010

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	22.0	2001	12.0	02/28/2001
2	14.0	2011	8.0	02/13/2007
3	14.0	1979	8.0	02/07/2001
4	13.5	1987	8.0	02/18/1991
5	13.0	2007	7.0	02/26/1998
6	11.4	1994	6.0	02/05/2010
7	11.3	1952	6.0	02/29/2004
8	10.9	1953	5.5	02/27/1995
9	10.6	1960	5.3	02/20/2011
10	10.5	1993	5.0	02/23/1982

April

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	51.3	1987	36.1	2013
2	50.9	1981	38.0	1956
3	50.4	2012	38.1	1997
4	50.2	1985	38.1	1950
5	49.9	1980	38.2	2009
6	49.4	2006	38.7	1953
7	49.3	1949	39.0	1975
8	49.1	1952	39.1	1970
9	49.0	1969	39.1	1966
10	48.6	2003	40.2	1957

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	4.25	2006	1.56	04/14/1967
2	3.57	1986	1.48	04/07/2006
3	3.36	1963	1.38	04/19/2006
4	3.06	1948	1.29	04/12/1996
5	2.99	1991	1.22	04/28/1963

May
Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	61.5	1977	49.2	1967
2	60.2	1987	49.5	1950
3	60.1	1958	50.3	1996
4	59.9	1980	50.6	2010
5	59.7	1988	50.6	2008
6	59.5	1994	50.7	2011
7	58.6	1992	50.9	1953
8	57.9	1955	51.0	1995
9	57.8	2007	51.2	1983
10	57.8	1998	51.6	1968

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	9.37	2008	2.85	05/30/2013	0.37
2	8.87	2011	2.71	05/20/1982	0.55
3	8.60	1962	2.40	05/20/2011	0.68
4	8.10	1982	2.20	05/23/2008	0.70
5	6.52	1996	2.20	05/22/1962	0.71
6	6.49	2013	1.80	05/09/1965	0.71
7	6.25	1965	1.74	05/24/1990	0.72
8	5.58	1995	1.73	05/02/2008	0.81
9	4.95	2010	1.73	05/27/1996	0.88
10	4.39	1987	1.70	05/23/2011	0.96

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	15.8	1967	15.8	05/01/1967	0.0
2	12.0	2008	12.0	05/02/2008	MANY
3	10.2	1950	8.0	05/12/2005	
4	8.0	2005	8.0	05/09/1965	
5	8.0	1965	7.0	05/08/1950	
6	6.0	1983	6.0	05/12/1983	
7	4.0	1991	4.0	05/03/1991	
8	2.4	1948	3.2	05/04/1950	
9	2.0	2010	2.4	05/10/1948	
10	2.0	1979	2.0	05/07/2010	

July

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	78.4	2006	64.2	1992
2	78.0	2012	64.7	1993
3	77.7	2007	66.3	1958
4	77.0	2002	66.8	1962
5	76.8	1966	67.2	1972
6	76.5	2003	68.0	1950
7	76.2	1989	68.4	2009
8	76.1	1974	68.5	1971
9	75.9	1954	69.9	2014
10	75.4	1975	70.2	1994

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	5.49	1993	2.15	07/13/1976	0.15
2	4.07	1981	1.90	07/25/2012	0.18
3	4.02	1962	1.73	07/23/1955	0.18
4	3.85	1955	1.67	07/07/1993	0.19
5	3.46	1992	1.57	07/18/1993	0.34
6	3.32	1948	1.53	07/20/1999	0.38
7	3.26	1979	1.50	07/03/1964	0.63
8	3.03	1966	1.38	07/26/1953	0.76
9	2.87	2004	1.35	07/06/2004	0.77
10	2.80	1998	1.32	07/18/1987	0.84

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

September

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	67.7	1998	48.4	1965
2	66.4	1948	53.7	1961
3	65.7	1990	53.8	1986
4	64.8	1979	54.4	1993
5	64.8	1969	54.5	1951
6	64.4	1963	55.1	1985
7	64.4	1952	55.6	1984
8	64.3	2013	56.4	2006
9	64.0	1978	56.7	1974
10	63.2	2009	56.9	1973

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	6.25	1986	3.14	09/25/1986	0.00
2	3.07	1967	1.97	09/21/1955	TR
3	2.64	1971	1.67	09/05/1971	0.11
4	2.63	1955	1.53	09/30/2014	0.13
5	2.52	2002	1.50	09/18/2002	0.14
6	2.46	2006	1.26	09/21/1989	0.16
7	2.29	1959	1.22	09/23/2006	0.18
8	2.24	2014	1.15	09/16/1968	0.20
9	2.09	2003	1.08	09/15/1967	0.21
10	2.04	1950	1.02	09/18/1996	0.26

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	3.0	1965	3.0	09/16/1965	
2	1.0	1949	1.0	09/12/1949	
3	0.5	1957	0.5	09/19/1957	
4	TR	1984	TR	09/23/1984	
5	TR	1983	TR	09/20/1983	
6	TR	1959	TR	09/30/1959	
7			TR	09/29/1959	
8			TR	09/16/1959	
9			TR	09/16/1959	
10			TR	09/16/1959	

June

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	75.8	1988	58.1	1951
2	70.8	1956	59.0	1969
3	70.0	1977	59.9	1998
4	69.9	2012	60.5	1967
5	69.9	1961	60.6	2009
6	69.0	1986	60.6	1993
7	69.0	1952	60.7	1958
8	68.9	2006	60.9	2014
9	68.9	2002	61.0	2004
10	68.5	1959	61.0	1985

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	4.2	1951	4.2	06/02/1951	
2	2.0	1969	2.0	06/13/1969	
3					
4					
5					
6					
7					
8					
9					
10					

Snowfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	3.85	1987	2.20	08/23/1973	0.08
2	3.37	1977	1.76	08/20/1984	0.10
3	3.11	1973	1.51	08/23/2014	0.11
4	3.09	1960	1.38	08/27/1978	0.11
5	2.92	1972	1.38	08/17/1960	0.16
6	2.69	2014	1.22	08/06/1980	0.18
7	2.51	1980	1.19	08/13/1950	0.31
8	2.44	1950	1.14	08/15/1978	0.35
9	2.43	2005	1.04	08/21/1972	0.41
10	2.35	1984	1.03	08/11/2005	0.42

Rainfall

<tbl_struct



November
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	44.0	1949	15.0
2	42.0	1999	22.0
3	41.0	1954	22.1
4	38.8	1987	23.6
5	38.7	1980	23.6
6	38.4	2009	24.6
7	38.3	2005	27.5
8	38.2	2001	28.7
9	38.1	1990	28.7
10	38.0	1981	28.8

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	2.53	2008	2.10	11/08/2008	0.00
2	1.81	2000	1.40	11/01/2000	TR
3	1.60	1985	0.70	11/09/1984	0.07
4	1.60	1948	0.67	11/03/1956	0.07
5	1.14	1984	0.65	11/19/1999	0.07
6	1.12	1998	0.59	11/18/1994	0.08
7	1.04	1970	0.58	11/07/1986	0.08
8	1.02	1956	0.55	11/27/1989	0.09
9	0.92	1971	0.54	11/05/1948	0.10
10	0.91	1992	0.51	11/04/1948	0.10

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	31.0	1985	18.0	11/06/2008	0.0
2	18.0	2008	8.0	11/09/1985	MANY
3	13.0	1998	7.0	11/18/1994	
4	12.0	1977	6.7	11/03/1956	
5	10.5	1978	6.5	11/19/1999	
6	10.2	2014	6.0	11/09/1998	
7	10.2	1956	6.0	11/14/1985	
8	8.0	2010	6.0	11/20/1977	
9	8.0	1996	5.8	11/07/1986	
10	7.5	1966	5.5	11/27/1989	

Top 30 Precipitation Events

Rainfall		Snowfall	
AMOUNT	DATE	AMOUNT	DATE
1	3.14	09/25/1986	22.0
2	2.85	05/30/2013	18.0
3	2.70	05/20/1982	15.8
4	2.55	06/18/1994	13.0
5	2.52	06/15/1982	12.4
6	2.40	05/20/2011	12.0
7	2.32	06/09/1964	12.0
8	2.23	10/05/2013	12.0
9	2.20	05/23/2008	12.0
10	2.20	08/23/1973	10.5
11	2.20	05/22/1962	10.0
12	2.16	06/13/1981	10.0
13	2.15	07/13/1976	9.8
14	2.10	11/06/2000	9.2
15	2.07	06/15/1976	9.0
16	2.01	06/10/1984	9.0
17	1.98	10/01/1977	9.0
18	1.97	09/21/1955	9.0
19	1.90	07/25/2012	9.0
20	1.85	10/09/1982	8.5
21	1.80	05/09/1965	8.0
22	1.76	08/20/1984	8.0
23	1.75	07/25/2013	8.0
24	1.75	06/24/2005	8.0
25	1.74	05/24/1990	8.0
26	1.73	05/02/2008	8.0
27	1.73	05/27/1996	8.0
28	1.73	07/23/1955	8.0
29	1.70	05/23/2011	8.0
30	1.67	02/28/2001	8.0

December
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	32.3	1957	3.2
2	31.7	1999	11.4
3	30.3	2004	11.9
4	29.3	2001	13.2
5	29.2	1959	13.3
6	29.1	1991	14.1
7	28.6	2014	14.1
8	28.6	2002	14.1
9	28.6	1965	14.4
10	28.1	1997	14.9

Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	1.06	1996	0.69	12/23/2013	0.00
2	1.04	2009	0.47	12/13/1992	TR
3	0.93	1985	0.42	12/26/2009	TR
4	0.83	1955	0.40	12/17/1993	TR
5	0.78	1989	0.38	12/02/1984	0.02
6	0.76	1984	0.34	12/07/2012	0.02
7	0.75	1993	0.31	12/28/1955	0.02
8	0.68	2010	0.30	12/01/1980	0.04
9	0.66	1980	0.29	12/05/1983	0.04
10	0.66	1977	0.27	12/18/1985	0.06

Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1	26.0	1996	9.8	12/23/1984	0.0
2	21.1	2009	9.2	12/05/1983	0.0
3	18.4	1984	9.0	12/26/2009	TR
4	17.1	1955	7.0	12/01/1980	TR
5	14.4	1983	6.0	12/17/1993	0.3
6	13.0	1989	5.5	12/02/1984	0.5
7	13.0	1980	5.5	12/22/1966	0.6
8	12.5	1968	5.5	12/29/1955	0.6
9	11.0	2013	5.0	12/07/2012	0.7
10	11.0	1985	5.0	12/30/2010	1.0

Yearly Rainfall

Wettest		Driest	
AMOUNT	YEAR	AMOUNT	YEAR
1	26.42	1982	8.11
2	23.81	2008	9.42
3	23.64	1998	10.08
4	22.93	1962	10.84
5	22.38	2013	10.88
6	20.70	1986	10.96
7	20.42	1993	11.74
8	19.60	1996	11.95
9	19.13	1995	12.05
10	18.75	1999	12.14

Snowfall

Most Snow		Least Snow	
AMOUNT	YEAR	AMOUNT	YEAR
1	82.6	1995-96	11.5
2	69.0	1996-97	11.9
3	68.0	2010-11	12.4
4	67.7	1949-50	14.1
5	67.5	2008-09	14.4
6	67.1	1985-86	15.0
7	56.8	1993-94	16.5
8	54.9	2013-14	19.0
9	50.4	2009-10	19.9
10	50.3	1966-67	21.9